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File: USPT

Aug 24, 2004

US-PAT-NO: **6780419**DOCUMENT-IDENTIFIER: US **6780419** B1

TITLE: Basb029 polynucleotide(s) and polypeptides from neisseria meningitidis

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

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APPL-NO: 09/700293 [PALM] [eDan] [US Family]

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CLAIMS:

What is claimed is:

1. An isolated polypeptide comprising a member selected from the group consisting of (a) the amino acid sequence SEQ ID NO:2; (b) an immunogenic fragment of at least 15 contiguous amino acids of SEQ ID NO:2;

wherein the immunogenic fragment, when administered to a subject in a suitable composition which can include an adjuvant, or a suitable carrier coupled to the polypeptide, induces an antibody or T-cell mediated immune response that recognizes the isolated polypeptide SEQ ID NO:2.

2. The isolated polypeptide of claim 1, wherein the polypeptide is according to (a).

3. The isolated polypeptide of claim 1, wherein the polypeptide is according to (b).

4. The isolated polypeptide of claim 1, wherein the immunogenic fragment of (b) comprises at least 20 contiguous amino acids of SEQ ID NO:2, wherein the immunogenic fragment, when administered to a subject in a suitable composition which can include an adjuvant, or a suitable carrier coupled to the polypeptide, induces an antibody or T-cell mediated immune response that recognizes the polypeptide SEQ ID NO:2.